square miles against 234) and detailed survey (609 square miles against 363) were effected during the year under report, yet these could not counterbalance the large amount of triangulation done in the previous year. The latter is owing to payments of wages to fire coolies in Kánara not having been made within the year.

192. The increase under 'IX' is owing to enhanced rates paid for materials for forest uniforms and payment of grain compensation to forest subordinates.

193. The decrease under '(B) Establishments' rests mainly on two facts—(1) that the places of two senior Deputy Conservators were held by Extra Assistants during the second half of the year and (2) the rates of exchange compensation allowance were lower than those at which payments were made in the year before.

# CHAPTER V.

## FOREST ADMINISTRATION.

194. There was no change in the lines of the Forest Administration of the Circle during the year.

195. The saw-mill machinery indented for from England as per Government Resolution No. 2534, dated 20th March 1896, was received in March 1897, although it was expected in December 1896. It was set up at Ittanbail about five miles from Yellápur. As a great many adjustments and alterations had to be made in the machinery, it could not be got into working order before the 9th April 1897. Ever since that date sleepers are being cut up by it in the most satisfactory manner.

## ESTABLISHMENTS AND THEIR RECRUITMENT.

196. The controlling staff of the Circle at commencement and end of the year stood as follows:—

| | Imperial. | | | | | | | Provincial. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Conservators. | Deputy Conservators. | | | | Assistant Conservators. | | Extra Assistant Conservators. | | | |
| | 2nd Grade Rs. 1,350. | 1st Grade Rs. 900. | 2nd Grade Rs. 800. | 3rd Grade Rs. 650. | 4th Grade Rs. 550. | 1st Grade Rs. 450. | 2nd Grade Rs. 350. | 1st Grade Rs. 350. | 2nd Grade Rs. 300. | 3rd Grade Rs. 250. | 4th Grade Rs. 200. |
| On 1st July 1896 ... | 1 | 1 | 2 | 3 | 2 | 1 | 2 | 1 | 2 | 2 | ... |
| On 30th June 1897 ... | ... | 1 | 1 | 1 | 2 | 3 | ... | 1 | 2 | 1 | 1 |

197. To the permanent subordinate executive and protective staff was added during the year an establishment consisting of

1 Ranger on Rs. 50,
2 Foresters at Rs. 20 each,
6 Guards „ 10 „
6 Guards „ 8 „

at an annual cost of Rs. 2,376, thus making the total cost of the establishment in the Circle to amount to Rs. 1,27,128. The new establishment sanctioned was for the Gund Working Circle of the Northern Division, Kánara.

198. There has been no change in the office staff of the Circle.

199. One student with a Ranger's certificate from the College of Science, Poona, was appointed a probationer on an initial salary of Rs. 20.

200. The following officers held charge of the Circle and its divisions during the year :—

| Division. | Name of Officer. | Rank. | Period. From | Period. To |
|---|---|---|---|---|
| Direction ... ... | J. L. L. MacGregor. | Conservator of Forests, 2nd Grade. | 1st July 1896 ... | 1st March 1897. |
| | T. B. Fry ... ... | Deputy Conservator, 1st Grade... | 6th March 1897 ... | 11th June 1897. |
| | W. G. Betham ... | Do. do. ... | 12th June 1897 ... | 30th June 1897. |
| Northern Division, Kánara. | E. G. Oliver ... | Do. 4th Grade... | 1st July 1896 ... | Do. |
| Southern Division, Kánara (old Central Division). | B. J. Haselden ... | Assistant Conservator, 1st Grade. | Do. ... | Do. |
| Western Division, Kánara (old Southern Division). | W. A. Talbot ... | Deputy Conservator, 3rd Grade . | Do. ... | 29th July 1896. |
| | W. R. Woodrow ... | Do. do. ... | 30th July 1896 ... | 23rd December 1896. |
| | T. R. D. Bell ... | Do. 4th Grade... | 24th December 1896. | 30th June 1897. |
| Belgaum ... ... | H. Murray ... ... | Do. 3rd Grade... | 1st July 1896 ... | 7th April 1897. |
| | W. A. Talbot ... | Do. 2nd Grade... | 8th April 1897 ... | 30th June 1897. |
| Dhárwár ... ... | W. R. Woodrow ... | Do. 3rd Grade... | 1st July 1896 ... | 29th July 1896. |
| | G. K. Betham ... | Do. 2nd Grade . | 30th July 1896 ... | 20th December 1896. |
| | W. R. Woodrow ... | Do. 3rd Grade... | 21st December 1896. | 30th June 1897. |
| Bijápur ... ... | H. Mainwaring ... | Do. 2nd Grade... | 1st July 1896 ... | 3rd January 1897. |
| | V. R. Kelkar ... | District Deputy Collector ... | 4th January 1897... | 13th January 1897. |
| | V. D. P. Rebeiro ... | Extra Assistant, 3rd Grade ... | 14th January 1897. | 30th June 1897. |
| Kolába ... ... | W. G. Betham ... | Deputy Conservator, 1st Grade... | 1st July 1896 ... | 20th November 1896. |
| | A. C. Robinson ... | Extra Assistant Conservator, 2nd Grade. | 21st November 1896. | 30th June 1897. |
| Ratnágiri ... ... | Collector in charge . | ,,,,... | 1st July 1896 ... | Do. |
| Working-Plans ... | W. E. Copleston ... | Assistant Conservator, 2nd Grade. | Do. ... | 31st July 1896. |
| | W. A. Talbot ... | Deputy Conservator, 3rd Grade . | 1st August 1896 ... | 2nd April 1897. |
| | W. E. Copleston ... | Assistant Conservator, 1st Grade. | 3rd April 1897 ... | 30th June 1897. |

201. Mr. D. A. Thomson, Assistant Conservator, remained as an Assistant to the Divisional Forest Officer, Northern Division, Kánara, throughout the year.

202. Mr. W. E. Copleston, Assistant Conservator, on being relieved of the charge of the Working Plans Division, remained as an Assistant to the same Divisional Officer from 1st August to 3rd November 1896, when he was appointed as Assistant to the Divisional Forest Officer, Southern Division, Kánara. He remained as such until 3rd April following, when he again took charge of the Working-Plans Division.

203. Of the Extra Assistant Conservators, Messrs. H. Mitra, and N. D. Sátáráwála continued as Assistants to the Working-Plans Divisional Officer, having been attached to Parties I and II, respectively. Mr. Sheshu Manju was in charge of the Supa Range of the Northern Division, Kánara, till the end of November 1896. On December 1st, he proceeded on furlough and finally retired on 20th April 1897. Mr. G. J. Rege who was appointed to act in his place held charge of the Khánápur Range in Belgaum until March 1897, when he assumed charge of the post of Personal Assistant to the Conservator. Mr. A. C. Robinson continued as Sub-divisional Officer, Kolába, until 20th November 1896, when he was appointed to the charge of the Division, on Mr. W. G. Betham's proceeding to the Central Circle to hold administrative charge. Mr. V. D. P. Rebeiro, who was transferred from the Northern to this Circle, joined his appointment as Divisional Forest Officer, Bijápur, on 14th January 1897. Mr. D. M. Bijur who was Personal Assistant to the Conservator, was transferred to the Northern Circle in December.

204. The following officers have been on leave during the year :—

Mr. A. C. Robinson, Extra Assistant Conservator, on three months' privilege leave from 10th July 1896, during which period Mr. G. J. Rege acted as Extra Assistant, but remained in charge of the Khánápur Range.

Mr. H. Murray, Deputy Conservator, on 18 months' furlough from 8th April 1897.

205. The following officers retired from the service during the year :—

Mr. H. Mainwaring, Deputy Conservator, 2nd Grade, on 1st January 1897.

Mr. Sheshu Manju, Extra Assistant Conservator, 3rd Grade, on 20th April 1897.